

SEVENTY-THREE NAMES VALIDATED IN "*ICHNEUMON*" AND
"*EVANIA*" (HYMENOPTERA: ICHNEUMONIDAE) IN
POSTHUMOUSLY PUBLISHED LETTERS
WRITTEN BY CUVIER

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Abstract.—Dalla Torre did not catalog the names of "*Ichneumon*" and "*Evania*" species which were validated in 1833 in posthumously published letters written by Cuvier in 1790 and 1791. Those Cuvier names are listed and discussed (homonymy, etc.) for the convenience of systematists not having ready access to Sherborn's Index Animalium. No names of well-known species are junior primary homonyms of the Cuvier names discussed. However, such is not the case for all of the junior primary homonyms which Dalla Torre neglected to suppress. Consequently, it is important for Hymenopterists producing comprehensive catalogs or revisions to consult Sherborn's Index Animalium.

Following the death of Georges Cuvier in 1832, two letters which he had written to P. I. Hartmann in 1790 and 1791 were sent by G. L. Duvernoy to G. Silberman, founder and editor of *Revue Entomologique*. Silberman thought the letters to be of historical interest with respect to the beginning of Cuvier's career (Cuvier wrote the letters at age 21) as an extraordinary scientist; and, accordingly, he published them in *Revue Entomologique* (Cuvier, 1833a and 1833b). Although some of the names validated by virtue of publication of those letters pertain to Coleoptera (Carabidae and Staphylinidae), the majority (73) apply to an assortment of Ichneumonoidea, Chalcidoidea and Proctotrupoidea. The Ichneumonoidea were described in *Ichneumon* (68 species) and the Chalcidoidea and Proctotrupoidea were described in *Evania* (5 species). Cuvier's collection is apparently no longer in existence.

None of the names of Cuvier (1833a and 1833b) were cited in the pertinent volumes of Dalla Torre's *Catalogus Hymenopterorum* (1898a, 1898b, 1901-1902). Dalla Torre's (1898b:297) citation of "*Evania* Silberman" in the synonymy for *Torymus* would appear to indicate that Dalla Torre was aware of the Cuvier names but regarded them as unavailable. I encountered the Cuvier names in Sherborn (1902, 1922-1933), in the process of checking for

homonymy of names treated by Carlson (in press). Because Sherborn's volumes would not be readily available to many taxonomists working with parasitic Hymenoptera, it seems worthwhile to present a summary of the information I have assembled concerning Cuvier's (1833a and 1833b) names of Hymenoptera. Following the alphabetized specific names are enumerations of the pages on which they occur in volume 1 of *Revue Entomologique* and parenthetical comments on the status of the names. Listing the literature citations for the original descriptions of the homonyms or synonyms discussed would unnecessarily lengthen this paper; accordingly, most of those citations are not listed.

Ichneumon: affinis, p. 158 (preoccupied by Fabricius, 1793); *anonymus*, p. 203 (preoccupies Heinrich, 1961); *I. anonymus* Heinrich is being replaced by Carlson [in press, p. 522]; "*apectator*, L. F.," p. 160 (lapsus for *assectator* Linnaeus); *armillatorius*, p. 156 (preoccupied by Gravenhorst, 1807, and Thunberg, 1822); *armillatus*, p. 203 (preoccupies Wesmael, 1845; *I. armillatus* Wesmael is apparently a species of *Cratichneumon* [see Hellen, 1946, p. 2-3] for which the female is not yet known); *autumnalis*, p. 157; *barbatus*, p. 207; *bicolo*, p. 157 (presumably not the intended spelling); *bicultrator*, p. 208 (as "*bicultratozem, nob[is]*"); *nomen nudum*, because name regarded by Cuvier as a synonym of *I. "formicator"* Linnaeus [lapsus for *formicatus*]); *bipunctatus*, p. 203 (preoccupied by Gmelin, 1790); *brachiacanthos*, p. 210; *brachigaster*, p. 210; *cadomensis*, p. 156; *carduorum*, p. 158; *cerasi*, p. 203 (preoccupied by Linnaeus, 1771); *cinctus*, p. 158 and 203 (preoccupied by Linnaeus, 1758, and Geoffroy, 1775); *coecus*, p. 209; *cognator*, p. 156 (preoccupied by Thunberg, 1822); *crassipes*, p. 159 (preoccupied by Geoffroy, 1785, Rossi, 1790; and Gmelin, 1790); *cyanops*, p. 207; *dimidius*, p. 159; *elegans*, p. 205 (preoccupied by Gravenhorst, 1829); *erytostoma*, p. 206 (presumably not the intended spelling); *femoralis*, p. 205 (preoccupied by Geoffroy, 1785); *femorator*, p. 156 (preoccupied by Fabricius, 1793 and Kirby, 1802); *fimetarius*, p. 206; *gallicanus*, p. 201; *Geoffroi*, p. 157 (junior objective synonym [n. syn.] of *I. vorax* Geoffroy by virtue of Cuvier's statement "Syn. . . . Geoff. Ichn. 52," a reference to species 52 of Geoffroy [1762, p. 344], which Geoffroy [1785, p. 411] named *vorax*; the latter name may correctly apply to *Pterocormus discriminator* [Wesmael]); *globosus*, p. 210; *Hartmanni*, p. 157; *humeralis*, p. 206 (preoccupied by Lichtenstein, 1796; regarding the status of the names of Lichtenstein [1796], see Bohart and Menke [1976, p. 117]); *incrassatus*, p. 204; *latepetiolatus*, p. 204; *lateralis*, p. 206 (preoccupies Kriechbaumer, 1887; according to Constantineanu [1959, p. 812-814] *I. lateralis* Kriechbaumer is a species of *Barichneumon* that is known only from the male); *leucogaster*, p. 209; *leucospis*, p. 202; *lucidus*, p. 159; *luctuosus*, p. 208 (preoccupied by Gravenhorst, 1820); *macroceros*, p. 210; *Marschallii*, p. 207 (*nomen nudum*); *maxillosum*, p. 204; *melanostygma*, p. 207 (apparently preoccupies melan-

ostigma Kriechbaumer, 1882, if article 58 (2) of the "Code" [Stoll et al., 1964, p. 57] is heeded; according to Aubert [1962, p. 126], *melanostigma* Kriechbaumer is a junior synonym of *Pterocormus novemalbatus* [Kriechbaumer], the latter being misspelled *nonoalbatus* by Aubert); *militator*, p. 206; *nanus*, p. 208 (preoccupies Ratzburg, 1848 and Cresson, 1877; *I. nanus* Cresson and its replacement name, *Amblyteles nanodes* Cushman, are junior synonyms of *Cratichneumon scitulus* [Cresson]; *I. nanus* Ratzburg is apparently a *nomen dubium*); *nebulosus*, p. 208; *normannicus*, p. 157; *ochropsis*, p. 202; *ochropus*, p. 204 (preoccupied by Gmelin, 1790); *orthacanthos*, p. 210; *pallifrons*, p. 204 (preoccupied by Gravenhorst, 1829); *pectoralis*, p. 159 (preoccupied by Say, 1829); *personatus*, p. 207 (preoccupied by Gravenhorst, 1829); *pictus*, p. 207 (preoccupied by Schrank, 1776 and Gmelin, 1790); *proximus*, p. 207; *psetosus*, p. 205 (as *psetosi*, genitive case in Latin text); *4-dentatus*, p. 203 (*nomen nudum*); *recentissimus*, p. 202; *recurvicauda*, p. 206; *romenilianus*, p. 209; *rufescens*, p. 209 (preoccupied by Retzius, 1783; Gmelin, 1790; and Rossi, 1794); *ruficollis*, p. 205 (preoccupies Stephens, 1835; *I. ruficollis* Stephens is a junior synonym of *Barichneumon sanguinator* [Rossi]); *rufoscutellatus*, p. 205; *scutellorius*, p. 156; *semicaudatus*, p. 206; *sequanensis*, p. 204; *serratularum*, p. 203; *stuttgartiensis*, p. 156; *tricolor*, p. 205 (preoccupied by Schrank, 1776 and Fabricius, 1793); *tristis*, p. 158 (preoccupied by Gravenhorst, 1829); *vallemontanus*, p. 202; *varius*, p. 209 (preoccupied by Pontoppidan, 1763; Müller, 1776; Gmelin, 1790 [two species] and Fabricius, 1793); *vicinus*, p. 204 (preoccupies Boyer de Fonscolombe, 1847; and Cresson, 1864; the disposition of *I. vicinus* B. de F. is to be decided by Dr. Klaus Horstmann in a forthcoming paper; regarding *I. vicinus* Cresson, see Carlson [in press, p. 528]); *wurtemburgicus*, p. 157; *xanthoceros*, p. 208.

Evania: *cynipedis*, p. 154 and fig. 12; *clavicornis*, p. 153 and fig. 7; *podagraria*, p. 152 and fig. 6; *saltatrix*, p. 152 (unnecessary new name for *Vespa minuta* Linnaeus); *subclavata*, p. 153 and fig. 8.

Twenty-one of the Cuvier (1833) names which were validated in *Ichneumon* are junior primary homonyms. Seven of them are senior primary homonyms, and all of the junior homonyms in these cases are presently suppressed in synonymy, are *nomina dubia*, or pertain to species that are little known and of indefinite taxonomic status. Consequently, I have not proposed replacement names for any of them here.

It seems appropriate to point out here that Dalla Torre disregarded primary homonymies in cases for which two or more primary homonyms had been subsequently placed in different genera or families. In most of these cases of primary homonymy, the senior homonyms, at least, were usually validated before 1850 and can, therefore, be found in Sherborn (1902, 1922-1933). Incognizance of the need for consulting Sherborn's volumes is illustrated by two examples (many could be cited) from recent catalogs: 1)

Townes and Townes (1973, p. 236) failed to suppress the name *Ichneumon rubidus* Tosquinet, 1896, which is preoccupied by Rossi, 1794; 2) Shenefelt (1974, p. 1076) failed to suppress *Ichneumon circulator* Gravenhorst, 1807, which is preoccupied by Panzer, 1801. Is it now too late for those who are able to begin using the remarkable compendium which Sherborn completed 45 years ago?

ACKNOWLEDGMENTS

I thank George Steyskal for assistance in interpreting parts of Cuvier's letters. Arnold Menke's constructive criticism of the manuscript is greatly appreciated.

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